Thrombin-Like Enzyme Calobin-1 (SVTLE) Gloydius Ussuriensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Thrombin-like enzyme calobin-1 (SVTLE), Recombinant Protein
Full Product Name	Recombinant Gloydius ussuriensis Thrombin-like enzyme calobin-1
Product Gene Name	SVTLE recombinant protein
Sequence	VIGGDECNIN EHRFLVALYN SRSRTLFCGG TLINQEWVLT AAHCERKNFR IKLGIHSKKV PNEDEQTRVP KEKFFCLSSK NYTLWDKDIM LIRLDSPVSN SEHIAPLSLP SSPPSVGSVC RIMGWGRISP TKETYPDVPH CANINLLEYE MCRAPYPEFG LPATSRTLCA GILEGGKDTC RGDSGGPLIC NGQFQGIASW GDDPCAQPHK PAAYTKVFDH LDWIQSIIAG NTDASCPP
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	33.7 kDa
Sequence Positions	25-262. Full Length of Mature Protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q91053
Species	Gloydius ussuriensis (Ussuri mamushi) (Gloydius blomhoffii ussuriensis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SVTLE recombinant protein	MBS1310702 is a recombinant protein targeting SVTLE. Also known as Recombinant Gloydius ussuriensis Thrombin-like enzyme calobin-1. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SVTLE recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SVTLE. It may not necessarily be applicable to this product.

NCBI GI #	13959630
NCBI Accession #	Q91053.1
UniProt Primary Accession #	Q91053
NCBI Official Full Name	Thrombin-like enzyme calobin-1
UniProt Protein Name	Thrombin-like enzyme calobin-1
UniProt Synonym Protein Names	Calobin I; Fibrinogen-clotting enzyme; Snake venom serine protease; SVSP

Protein Family	Thrombin-like enzyme calobin
UniProt Gene Name	SVTLE
UniProt Synonym Gene Names	SVSP
UniProt Comments for SVTLE	Thrombin-like snake venom serine protease. Has a coagulant activity. Acts on alpha-chains of fibrinogen (FGA) generating fibrinopeptide A.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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